	Application No.	Applicant(s)
Notice of Allowability	09/872,978	PAUL ET AL.
	Examiner	Art Unit	
	Kenny Lin	2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *9/12/2005*.

2. ☒ The allowed claim(s) is/are *1-66*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

    Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date *9/26/05*

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *11/9/05* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

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DETAILED ACTION

1.   Claims 1-66 are presented for examination.

2.   The IDS submitted on 9/26/2005 has been considered.

3.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Christian Nicholes, Registration No. 50,266 on November 9, 2005.

4.   The application has been amended as follows:

Amendment to the Claims:

1. (Currently Amended) A method of interacting with a client process on a mobile device

connected to a network over a wireless link, the method comprising the steps of:

receiving at a mobile interactions server a first message from the client

process indicating a first action by a user of the mobile device, the first action

related to a first graphical element displayed on the device for requesting a service

form an application;

based on the first message, determining whether the action is associated

with an event type of a plurality of predetermined event types; wherein each of

the predetermined event types corresponds to one or more application-specific

event objects used for invoking a specific method of the application;

if it is determined the action is not associated with the event type, then,

without invoking any method of the application,

generating first data describing any change in the first graphical

element; and

sending the first data to the client process for changing the display

of the first graphical element.

27. (Currently Amended) A method of interacting with a client process on a mobile device

connected to a network over a wireless link, the method comprising the steps of:

sending from an application to a mobile interactions server first data

describing a first graphical element for displaying on the mobile device and one

or more event handling methods of the application associated with the first

graphical element;

receiving at a particular event handling method of the plurality of event

handling methods second data describing an event having a particular event type

of a plurality of predetermined event types in response to an action by a user of

the mobile device; wherein each of the predetermined event types corresponds to

one or more application-specific event objects used for invoking a specific

method of the application; and

      providing a service for the client process in response to receiving the

second data, wherein

      the particular event handling method is associated with the particular event

type, and

      the action is determined by the mobile interactions server to be associated

with the particular event type.

34. (Currently Amended) A computer-readable storage medium carrying instructions for

interacting with a client process on a mobile device connected to a network over a wireless

link, the computer readable medium comprising instructions for causing one or more

processors to perform the steps of:

      receiving over the network a first message from the client process

indicating a first action by a user of the mobile device, the first action related to a

first graphical element displayed on the device for requesting a service form an

application;

      based on the first message, determining whether the action is associated

with an event type of a plurality of predetermined event type; wherein each of the

predetermined event types corresponds to one or more application-specific event

objects used for invoking a specific method of the application;

if it is determined the action is not associated with the event type, then, without invoking any method of the application,

generating first data describing any change in the first graphical element; and

passing the first data to the client process for changing the display of the first graphical element.

60. (Currently Amended) A computer-readable storage medium carrying instructions for interacting with a client process on a mobile device connected to a network over a wireless link, the computer-readable medium comprising instructions for causing one or more processors to perform the steps of:

sending to a mobile interactions server first data describing a first graphical element for display on the mobile device an one or more event handling methods of the application associated with the first graphical element;

receiving at a particular event handling method of the plurality of event handling methods second data describing an event having a particular event type of a plurality of predetermined event types in response to an action by a user of the mobile device; wherein each of the predetermined event types corresponds to one or more application-specific event objects used for invoking a specific method of the application; and

providing a service for the client process in response to receiving the second data, wherein

the particular event handling method is associated with the particular event

type, and

the action is determined by the mobile interactions server to be associated

with the particular event type.

5.   The following is an examiner's statement of reasons for allowance: None of the prior art

of record fairly suggests or teaches all of the claimed limitations especially the limitation of

using message to indicate actions associated with event type and definition of predetermined

event types where event types correspond to events objects generated by a listener in response to

a message from a client process. Different listeners produce different event types. The event

received from the listener is the input parameter for the event handler corresponding to the event

type. These event objects correspond to various actions of an application. This is different from

Schwartz reference where the event types are defined as user actions such as the selection of a

soft key on a mobile device or selection of resource locators. Dependent claim 8 further defines

the predetermined event types NOT to be associated with the user of the mobile device pressing

a key. Furthermore, none of the prior art taught to generate data describing changes of graphical

elements if it is determined that the action, as indicated by the received message, is not

associated with a predetermined event type and using the data to change the display. Therefore,

the amendment above to further define event types overcomes all of the prior art cited in the

record including Schwartz reference.

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

6.   Claims 1-66 are allowed.

7.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Kenny Lin whose telephone number is (571) 272-3968. The

examiner can normally be reached on 8 AM to 5 PM Tue.-Fri. and every other Monday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, John Follansbee can be reached on (571) 272-3964. The fax phone number for the

organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ksl
November 16, 2005

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SUPERVISORY PATENT EXAMINER
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